

Nitrate/Nitrite or Nitrate by Automated Cadmium Reduction SM 18 <sup>th</sup> and 21 <sup>st</sup> Ed. 4500-NO <sub>3</sub> <sup>-</sup> F					
Facility Name: _____ VELAP ID _____					
Assessor Name: _____ Analyst Name: _____ Inspection Date _____					
Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Records Examined: SOP Number/ Revision/ Date _____ Analyst: _____					
Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____					
For nitrate, were non-acidified samples analyzed within 48 hours?	40CFR136.3				
For nitrate-nitrite, were acidified samples analyzed within 28 days?	40CFR136.3				
Were samples stored at the proper temperature? (NPW at ≤6°C or DW at 4 °C)	40CFR136.3, 40CFR141.23				
Were duplicates prepared with every batch of 20 or fewer samples?	SM21st Ed. 4020B.3.c, SM18th Ed. 1020B.6				
Were matrix spikes included at a frequency of at least one per batch of 20 samples?	SM21st Ed. 4020B.3.d, SM18th Ed. 1020B.6				
Were samples with turbidity filtered prior to analysis?	4500-NO <sub>3</sub> <sup>-</sup> F.1.b				
Were analyses conducted using a manifold with a 520nm filter?	4500- NO <sub>3</sub> <sup>-</sup> F.2				
Was at least one NO <sub>2</sub> standard compared to a NO <sub>3</sub> standard at the same concentration to verify reduction efficiency?	4500-NO <sub>3</sub> <sup>-</sup> F 3 k				
Were sample pHs tested and adjusted to be between 5 and 9 prior to analysis?	4500-NO <sub>3</sub> <sup>-</sup> F.4				
Notes/Comments:					